

Abstract of the Disclosure

A method of positioning a heat generating component on a header to enhance heat sinking characteristics includes positioning the header on a first pedestal, wherein the first pedestal and the header are bounded by an air trench having a vertical
5 surface, and positioning the heat generating component only in areas on the header having an associated heat dissipation conical region extending from the heat generating component downward through the first pedestal at an angle that satisfies Fourier's Law of Heat Conduction, wherein the conical region does not intersect the vertical surface of the air trench.